

Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611

312 / 751-5600

CECIL LUE-HING

Director of Research & Development

October 12, 1990

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Mr. Harry Chappel, Manager
Compliance Sub-Unit
Compliance Monitoring Section
Division of Land Pollution
Control
Illinois Environmental
Protection Agency
2200 Churchill Road
Springfield, Illinois 62706

Dear Sir:

Subject: 0316000011 - Cook County/Chicago
Department of Streets and Sanitation
103rd Street and Doty Avenue Landfill

Sludge was delivered to the subject site in July, August, and September 1990. Table 1 enclosed presents the mean analysis of sludge delivered to the site during those three months.

Very truly yours,

Cecil Lue-Hing, D.Sc., P.E.
Director
Research and Development

CLH:JG:ns
Enclosure

cc/enc: Cliff Gould (IEPA)
DiVita
Garbis
Zenz
Richardson
Gschwind

RECEIVED

OCT 17 1990

IEPA-DLPC

EPA Region 5 Records Ctr.



300954

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE 1

MEAN ANALYSIS OF SLUDGE SHIPPED
TO THE 103rd & DOTY LANDFILL CLOSURE SITE DURING
THE THIRD QUARTER, 1990

Parameter	Units	Concentration
Number of samples		42
pH		7.6
Total solids	%	41.1
Total volatile solids	%	48.3
N-Kjeldahl	mg/dry kg	29,213
N-NH3	"	3,033
Total P	"	13,552
Zn	"	2,631
Cd	"	67
Cu	"	697
Cr	"	800
Fe	"	24,606
Ni	"	129
Pb	"	297
K	"	1,895
Na	"	904
Ca	"	47,270
Mg	"	15,238
Mn	"	613
Hg	"	4.0
Al	"	13,971

File

Initials: TEC

GW

Date: 11/2/90

INFORMATION TRANSMITTAL

To: Section/Region: Permit

Unit: ~~Groundwater Assistance~~

Facility Name: 103rd St. and Doty Avenue Landfill

Facility Number:

State: # 0316000011

Federal:

Subject: 3rd Quarter (Annual) 1990 - Metal Analysis
of Sludge received at 103rd & Doty LFI

Comments: to Div. File when thru.

Dated: 10/12/90

Received-Agency: 10/17/90

Received-TEC: 11/1/90

Copy to: Section/Region: Not Applicable
Unit:

TC:bjh/2681n/96